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(74) Agents: ASHER, Robin, W. et al.; Clark Hill PLC, 500 Woodward Avenue, Suite 3500, Detroit, MI 48226-3435 (US).

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(71) Applicant (for all designated States except US): INTIER AUTOMOTIVE INC [CA/CA]; 521 Newpark Boulevard, Newmarket, Ontario L3Y 4X7 (CA).

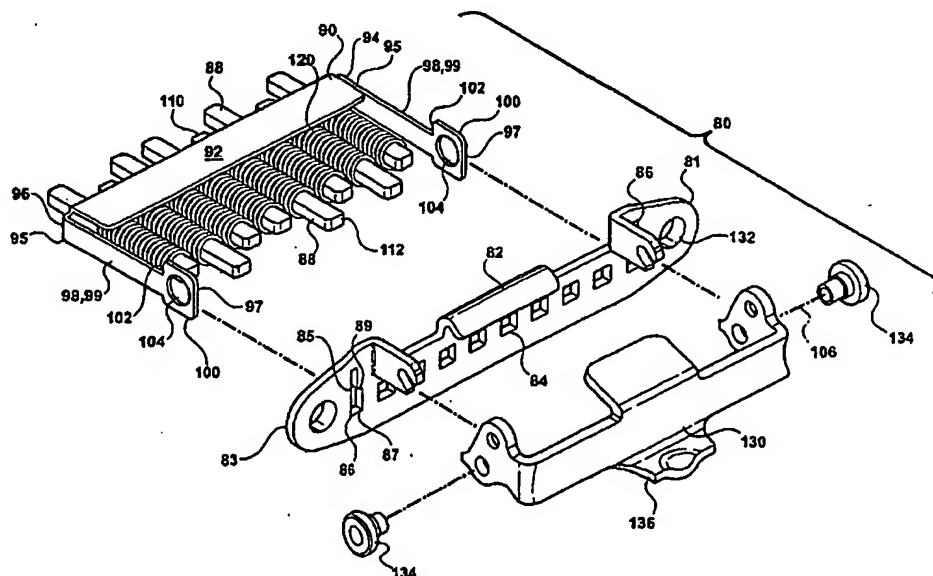
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(72) Inventor; and

(75) Inventor/Applicant (for US only): WEBER, James, Leo [US/US]; 5810 Perrytown, West Bloomfield, MI 48322 (US).

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(54) Title: LOCKING MECHANISM FOR SEAT TRACK ASSEMBLY



(57) Abstract: A seat track assembly is provided for adjusting a seat assembly of an automotive vehicle having a lower track (12) having a plurality of locking windows (74), an upper track (14) slidably mounted to the lower track and having a plurality of first (70) and second (72) support apertures. A locking mechanism (80) is operatively coupled between the lower and upper tracks. The locking mechanism includes a plurality of pins (88) movable in and out of a locked position, wherein the pins project through the locking windows and are supported by the first and second support aperture in a double shearing condition to prevent sliding adjustment of the upper track relative in the lower track.

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